

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033085.D
 Acq On : 28 Nov 2022 12:28
 Operator : JC/MD
 Sample : N5747-05DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38IDL

Quant Time: Nov 29 01:43:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

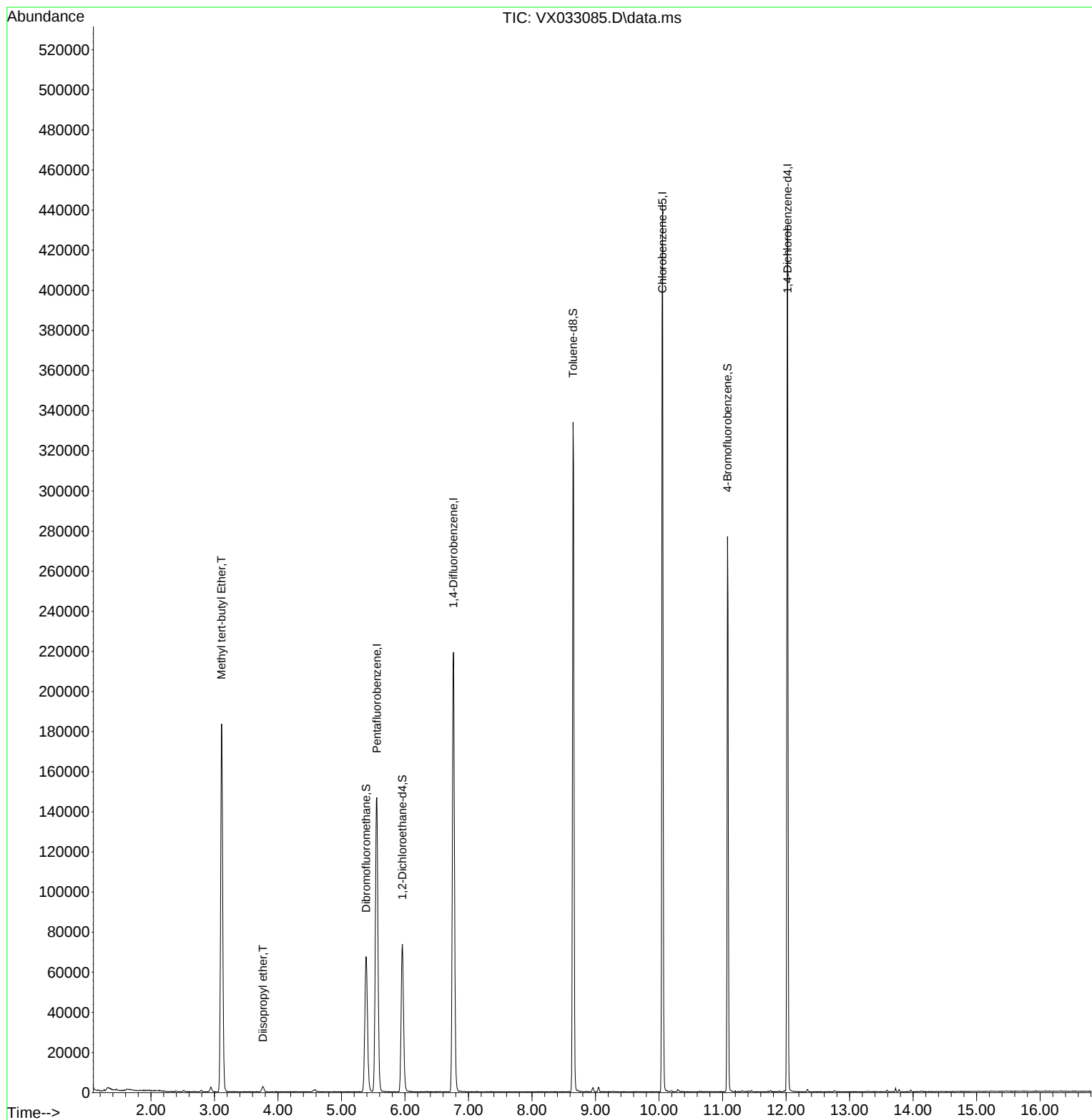
Internal Standards						
1) Pentafluorobenzene	5.556	168	139840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74040	54.464	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.920%
35) Dibromofluoromethane	5.385	113	58872	46.632	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.260%
50) Toluene-d8	8.647	98	199032	52.505	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.000%
62) 4-Bromofluorobenzene	11.079	95	71230	42.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.900%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	200449	47.362	ug/l	99
22) Diisopropyl ether	3.764	45	2592	0.604	ug/l #	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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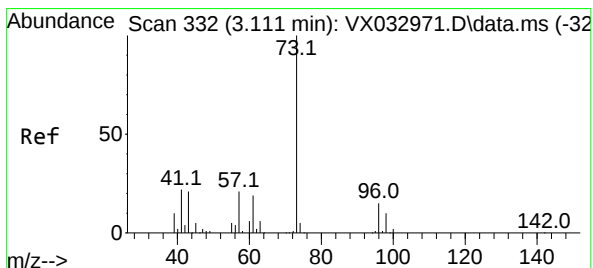
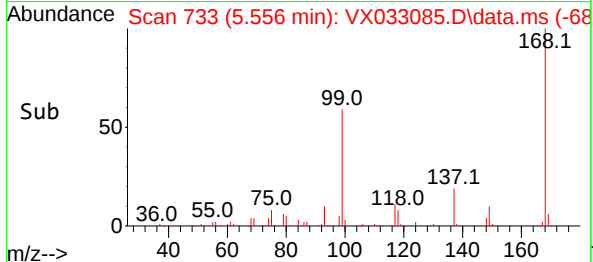
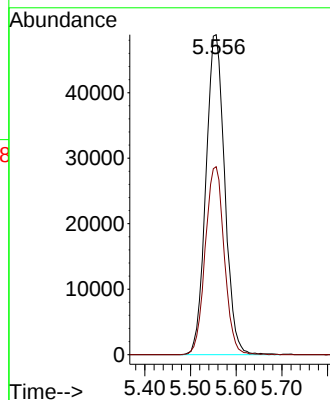
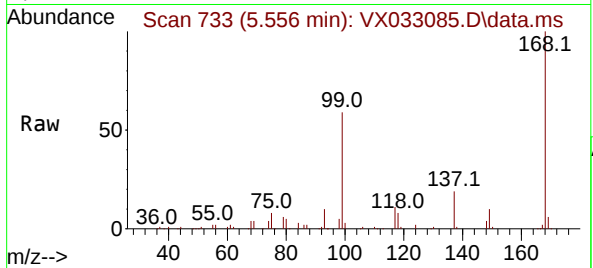




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

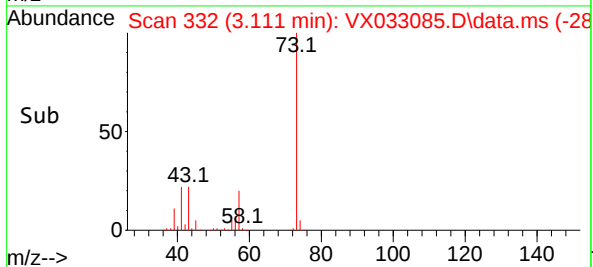
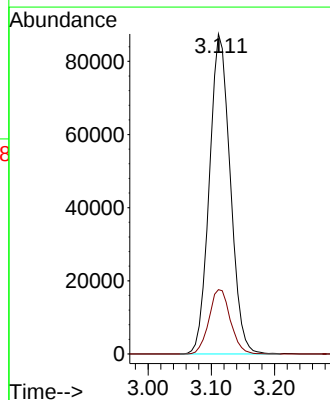
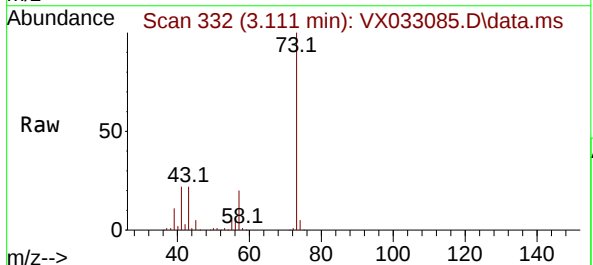
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

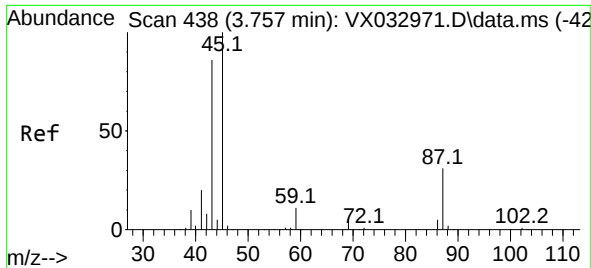
Tgt Ion:168 Resp: 139840
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 47.362 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 73 Resp: 200449
Ion Ratio Lower Upper
73 100
57 20.1 16.6 25.0

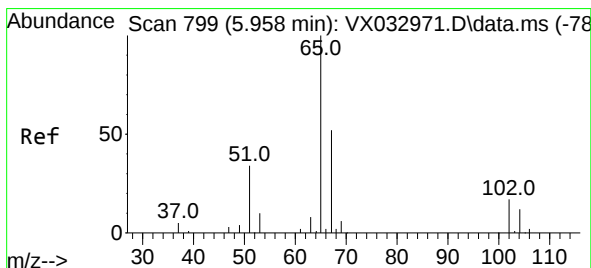
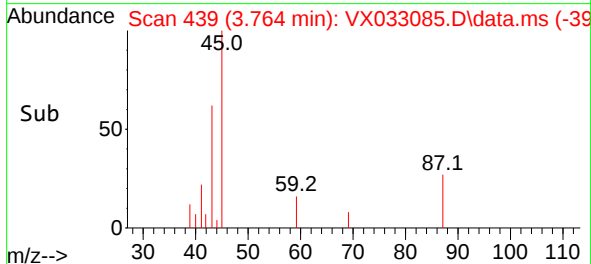
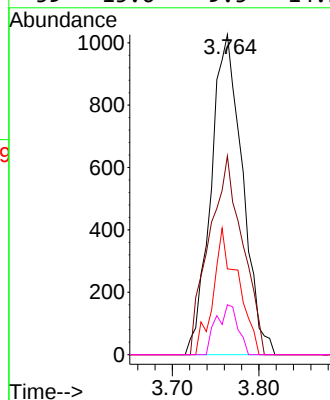
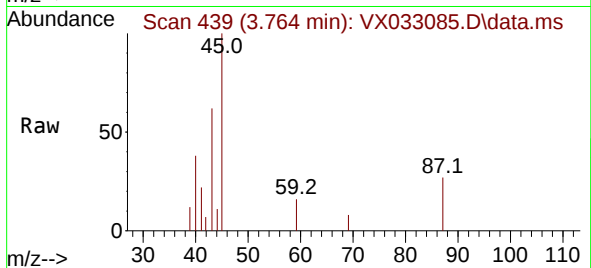




#22
Diisopropyl ether
Concen: 0.604 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

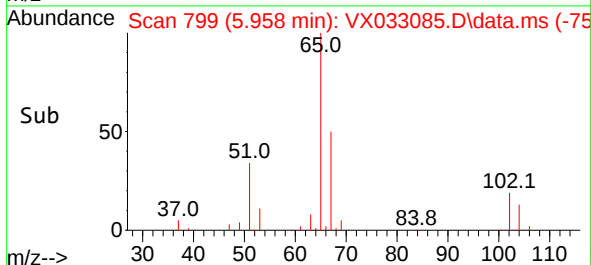
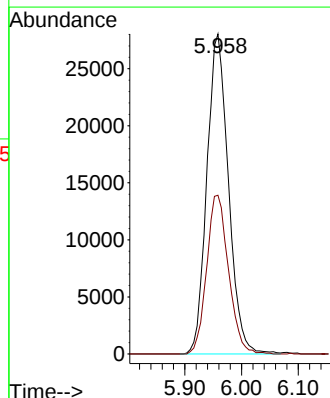
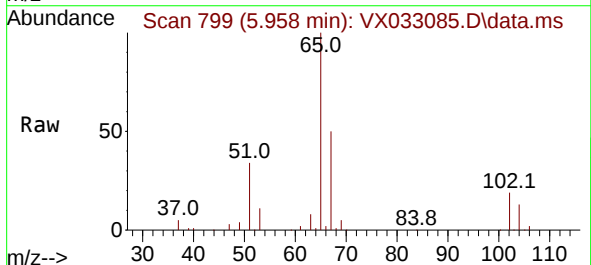
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

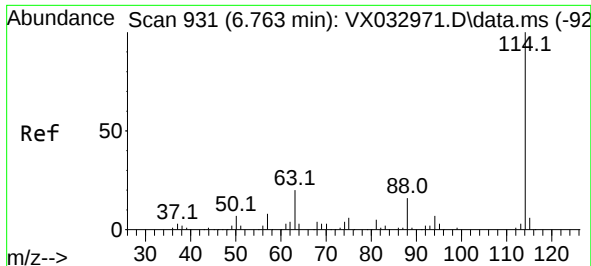
Tgt Ion: 45	Resp: 2592
Ion Ratio	Lower Upper
45 100	
43 62.1	56.4 84.6
87 26.8	24.4 36.6
59 15.6	9.5 14.3



#33
1,2-Dichloroethane-d4
Concen: 54.464 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 65	Resp: 74040
Ion Ratio	Lower Upper
65 100	
67 50.3	0.0 101.8

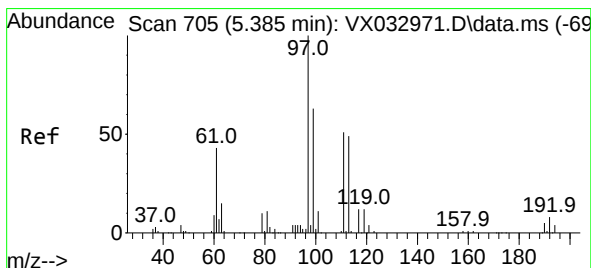
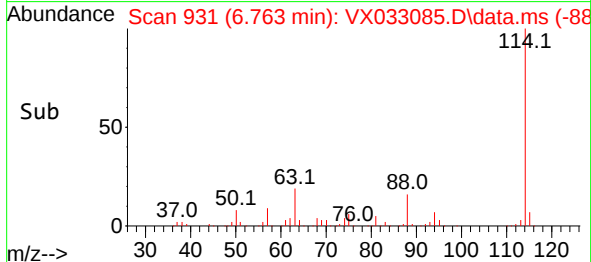
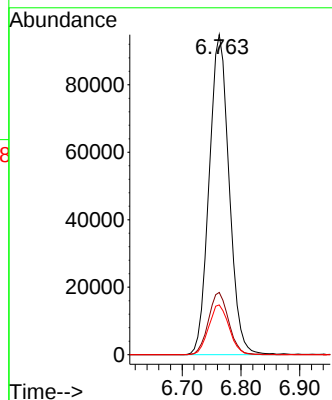
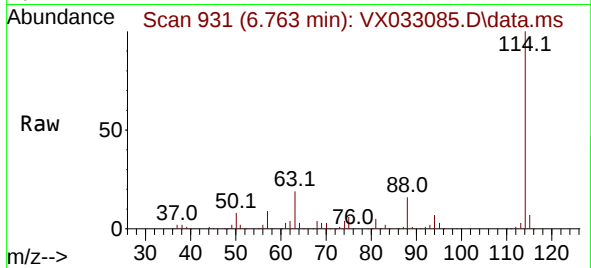




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

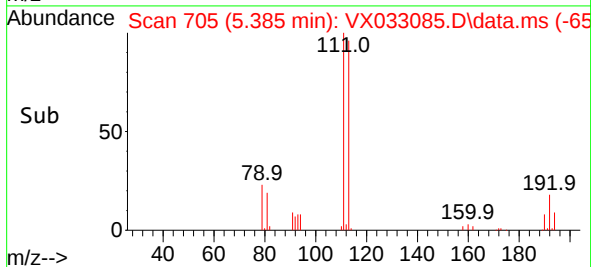
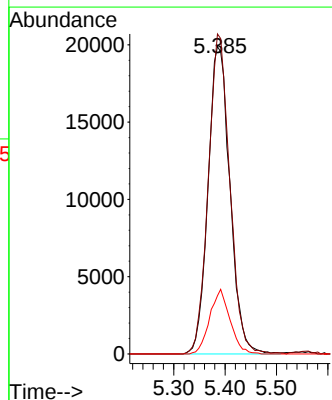
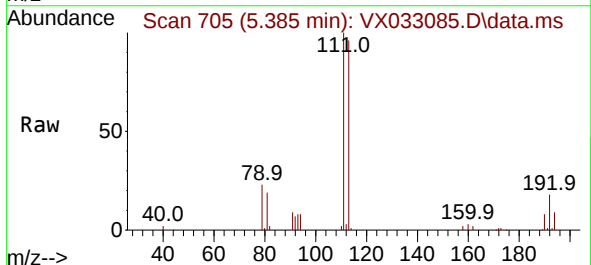
Instrument :
MSVOA_X
ClientSampleId :
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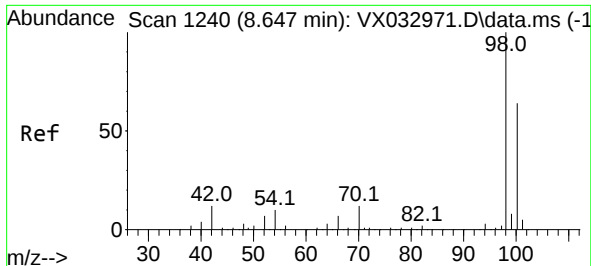
Tgt Ion:114 Resp: 223938
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.632 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion:113 Resp: 58872
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.5 15.4 23.2

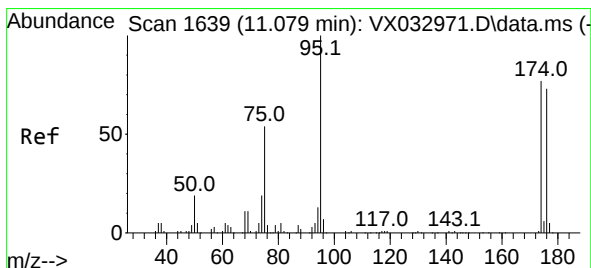
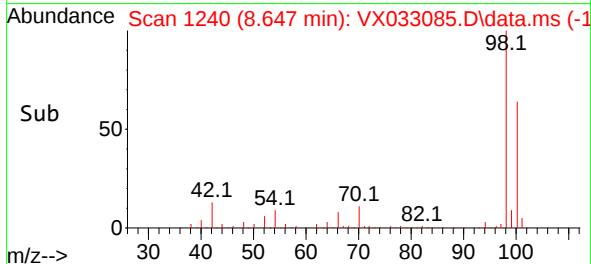
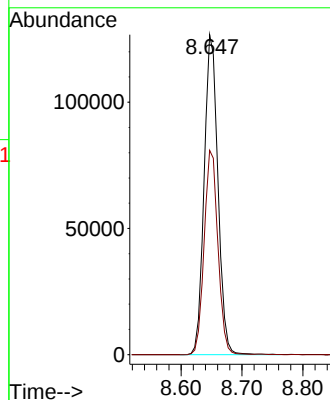
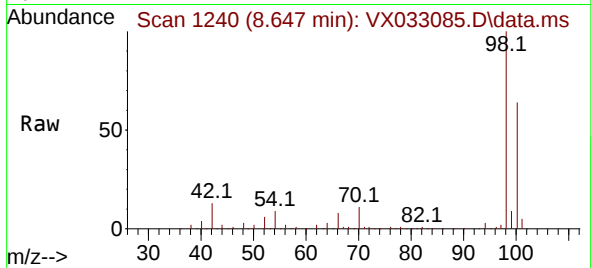




#50
Toluene-d8
Concen: 52.505 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

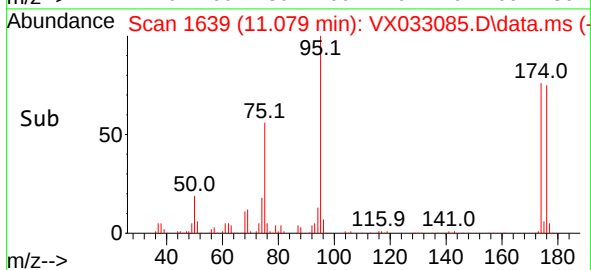
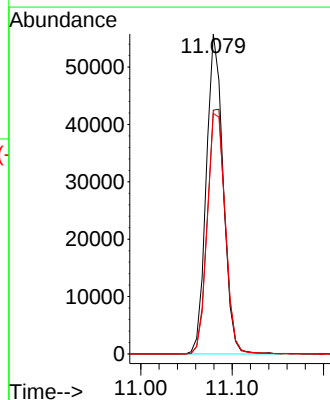
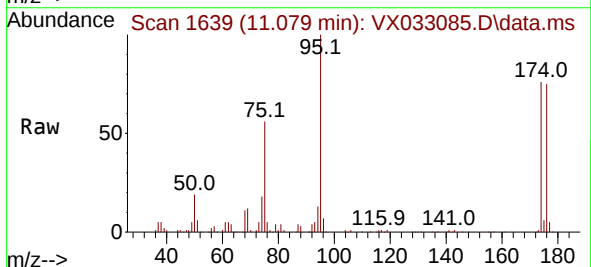
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ClientSampleId :
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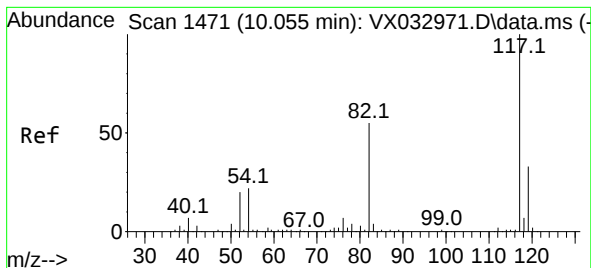
Tgt Ion: 98 Resp: 199032
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033085.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 95 Resp: 71230
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 80.1 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033085.D

Acq: 28 Nov 2022 12:28

Instrument :

MSVOA_X

ClientSampleId :

MW-38IDL

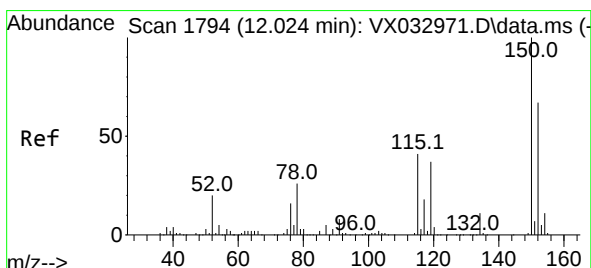
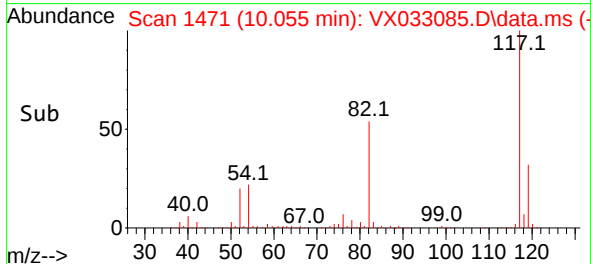
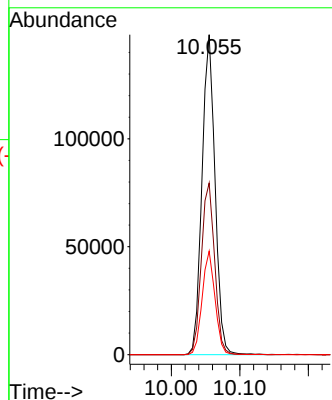
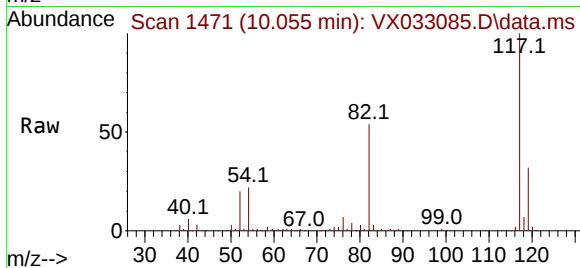
Tgt Ion:117 Resp: 196645

Ion Ratio Lower Upper

117 100

82 53.6 44.3 66.5

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033085.D

Acq: 28 Nov 2022 12:28

Tgt Ion:152 Resp: 89545

Ion Ratio Lower Upper

152 100

115 60.7 44.0 132.0

150 157.0 0.0 351.8

